

REMARKS

In response to the Examiner's rejections as set forth in the Office Action of September 20, 2004, Applicants have amended claims 3, 9, 21, 33, and 34. Claims 3-15, 21-28, and 33-45 remain pending.

All of the claim amendments set forth herein specify a technique for identifying tremor or other conditions present in movement disorders, specifically filtering an input signal to identify a specific component (e.g. tremor) and then analyzing that signal with a half wave tool to determine when to treat the patient. This technique enables the responsive therapy claimed in the application and is not disclosed, taught, or suggested in the Fischell patent or in any other reference of record. Support for the amendments can be found in the specification, as filed, at paragraphs [0123] through [0130] and in Figure 13 of the drawings. The amendments place these claims and their dependent claims in allowable condition.

Accordingly, Applicants respectfully submit that all pending claims are now patentable over the art of record. Applicants respectfully request examination of the subject application with a view toward allowance.

Applicant respectfully requests that **Deposit Account No. 50-2268** be charged for the requested three-month extension of time. No additional claim fees are believed necessary. Authorization to charge any additional necessary fees to the Deposit Account, or to credit any overpayment, is hereby granted.

If a telephone interview would be considered advantageous to advance prosecution of this Application, the Examiner is invited to contact the undersigned at the number set forth below.

Respectfully Submitted,

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Dated


Clarke A. Wixon
Reg. No. 39,878

NeuroPace, Inc.
1375 Shorebird Way
Mountain View, California 94043
(650) 237-2700